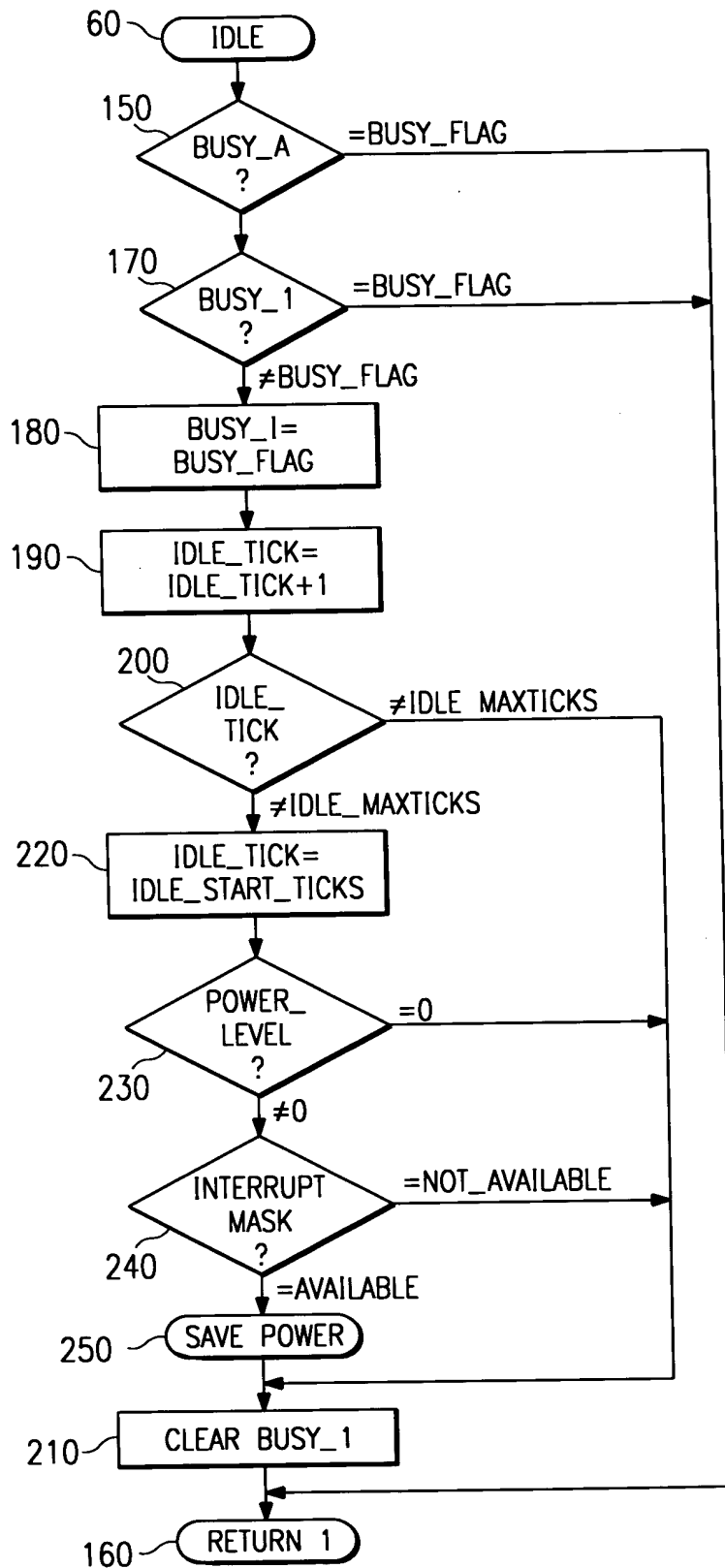


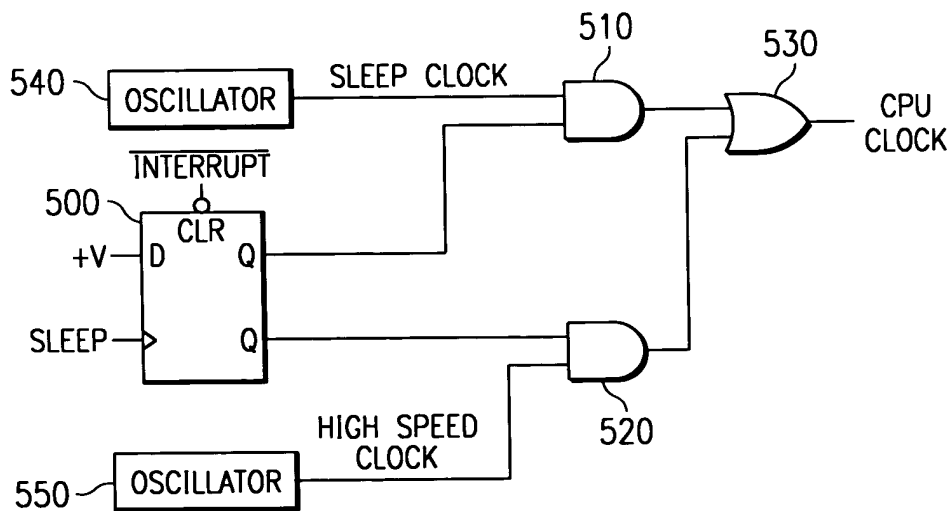
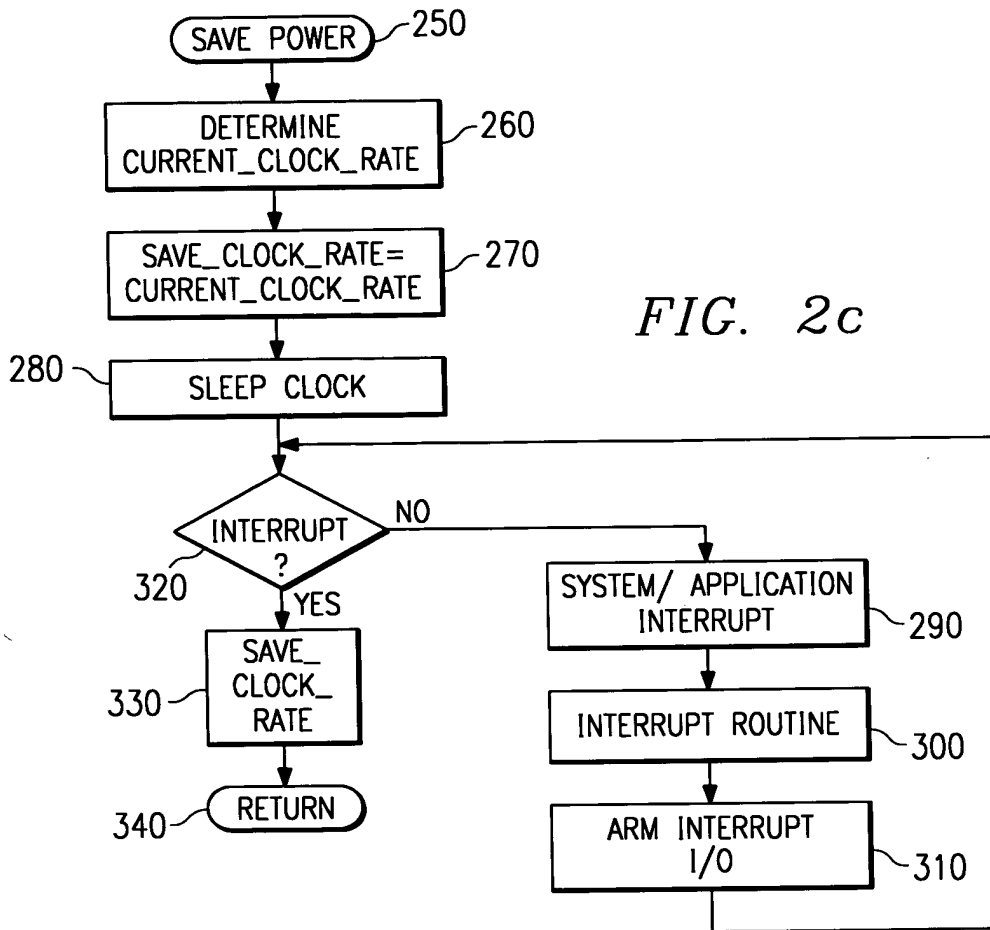
O.G. FIG. 1		SUBCLASS	
CLASS		750.04	
APPROVED	BY	395	DRAFTSMAN

FIG. 2b



APPROVED	O.G. FIG.	CLASS	SUBCLASS
	BY	DRAFTSMAN	

APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
DRAFTSMAN		



*FIG. 3*

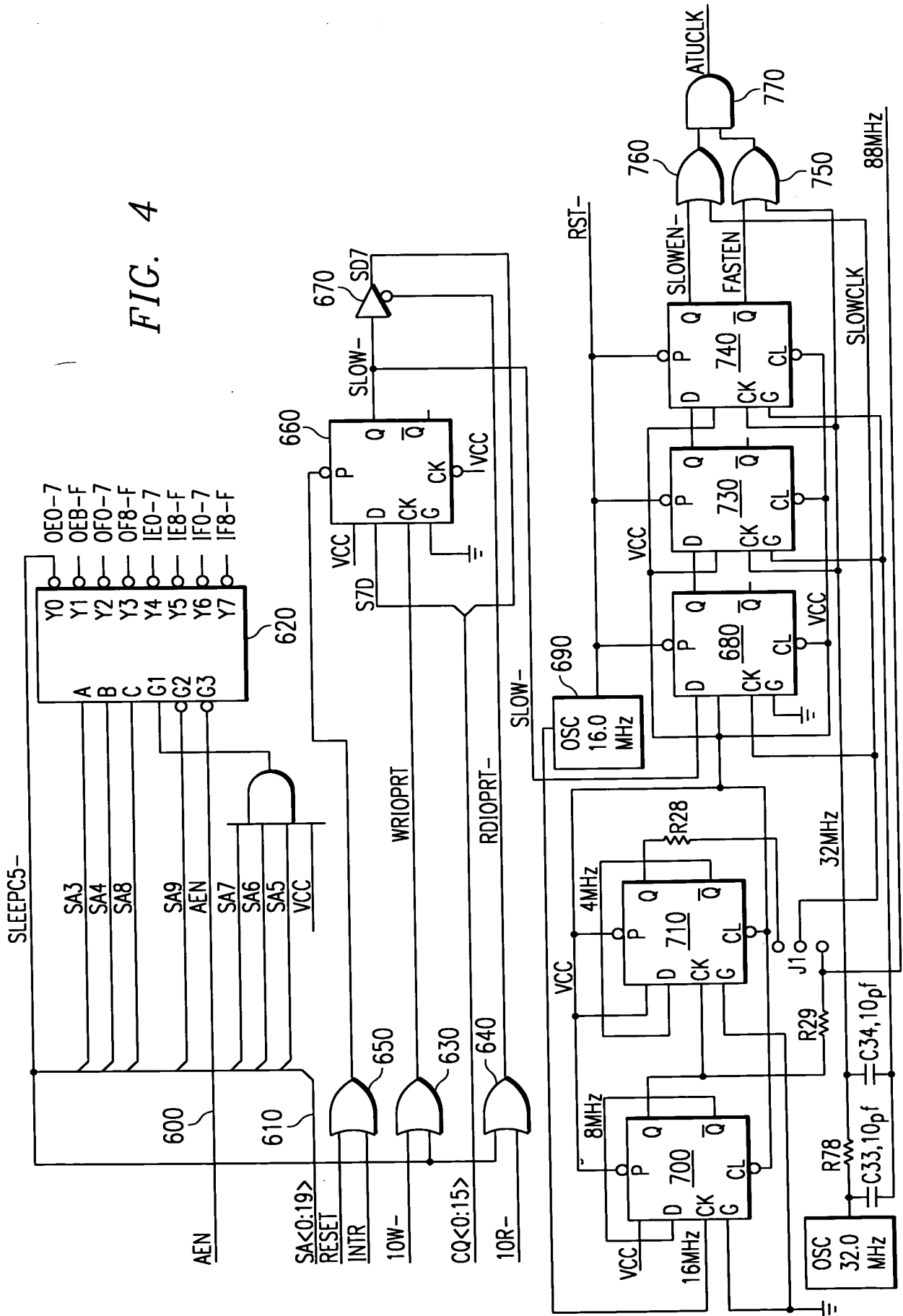
```

graph TD
    70([ACTIVITY]) --> 350{BUSY_I ?}
    350 -- "#BUSY_FLAG" --> 360{BUSY_A ?}
    360 -- "#BUSY_FLAG" --> 370[BUSY_A = BUSY_FLAG]
    370 -- "=BUSY_FLAG" --> 380{POWER_LEVEL ?}
    380 -- "=0" --> 400[DETERMINE CURRENT_CLOCK_RATE]
    400 --> 410[IDLE_TICK = START_TICKS (CURRENT_CLOCK_RATE)]
    410 --> 420{REQUEST ?}
    420 -- "#CRITICAL I/O" --> 390[CLEAR BUSY_A]
    420 -- "=CRITICAL I/O" --> 390
    390 --> 160([RETURN 1])
    160 --> 70

    430[ACTIVITY_TICK = ACTIVITY_TICK + 1] --> 440{ACTIVITY_TICK ?}
    440 -- "#ACTIVITY_MAXTICKS" --> 450[ACTIVITY_TICK = LEVEL_MAXTICKS (POWER_LEVEL)]
    440 -- "=ACTIVITY_MAXTICKS" --> 450
    450 --> 460{INTERRUPT MASK ?}
    460 -- "=NOT_AVAILABLE" --> 470{REQUEST ?}
    460 -- "=AVAILABLE" --> 470
    470 -- "#SLOW I/O_INTERRUPT" --> 480[REQUEST ?]
    470 -- "=SLOW I/O_INTERRUPT" --> 490{I/O REQUEST ?}
    490 -- "=COMPLETE" --> 250([SAVE POWER])
    490 -- "#COMPLETE" --> 250
    250 --> 430
  
```

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

FIG. 4



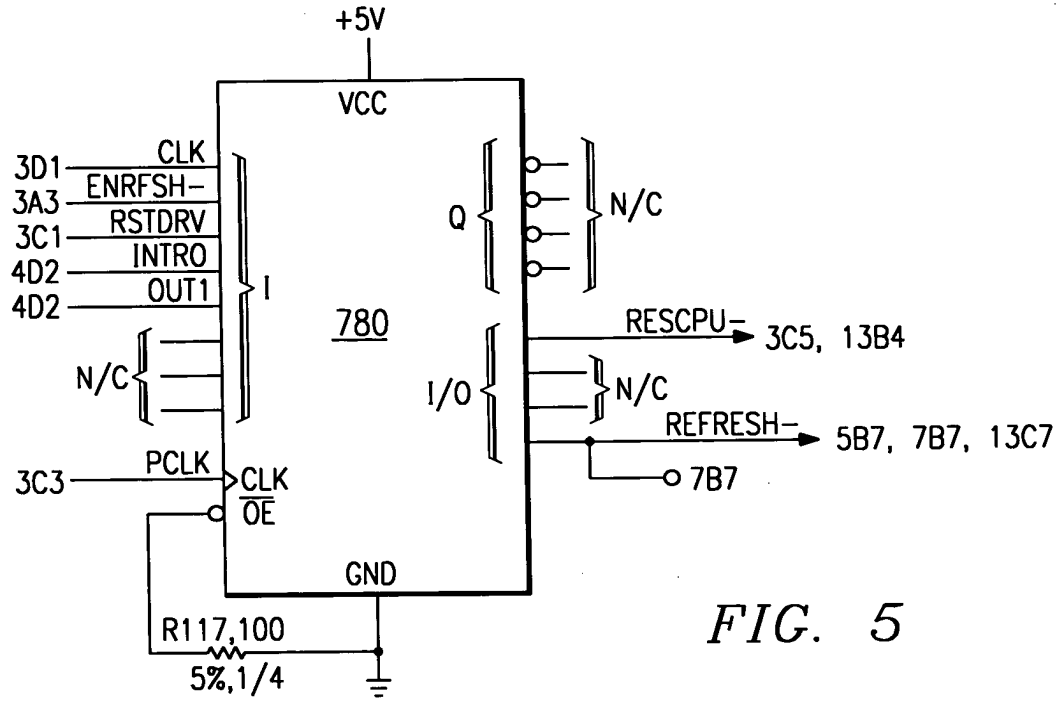
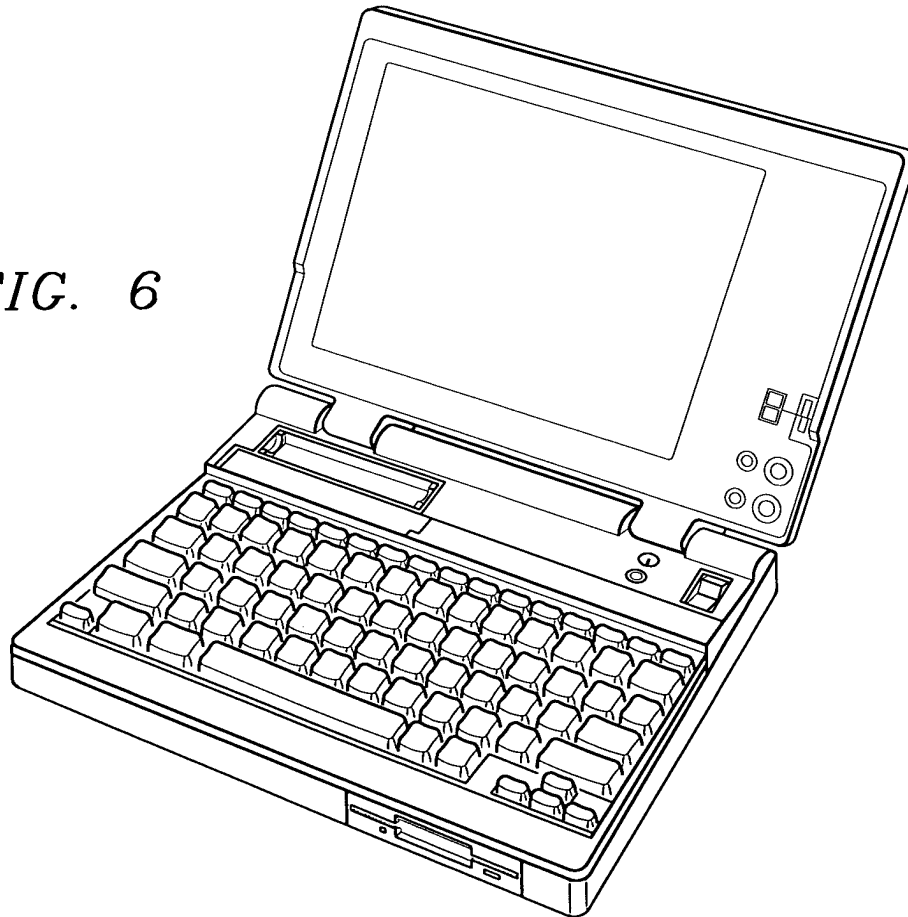


FIG. 6



APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

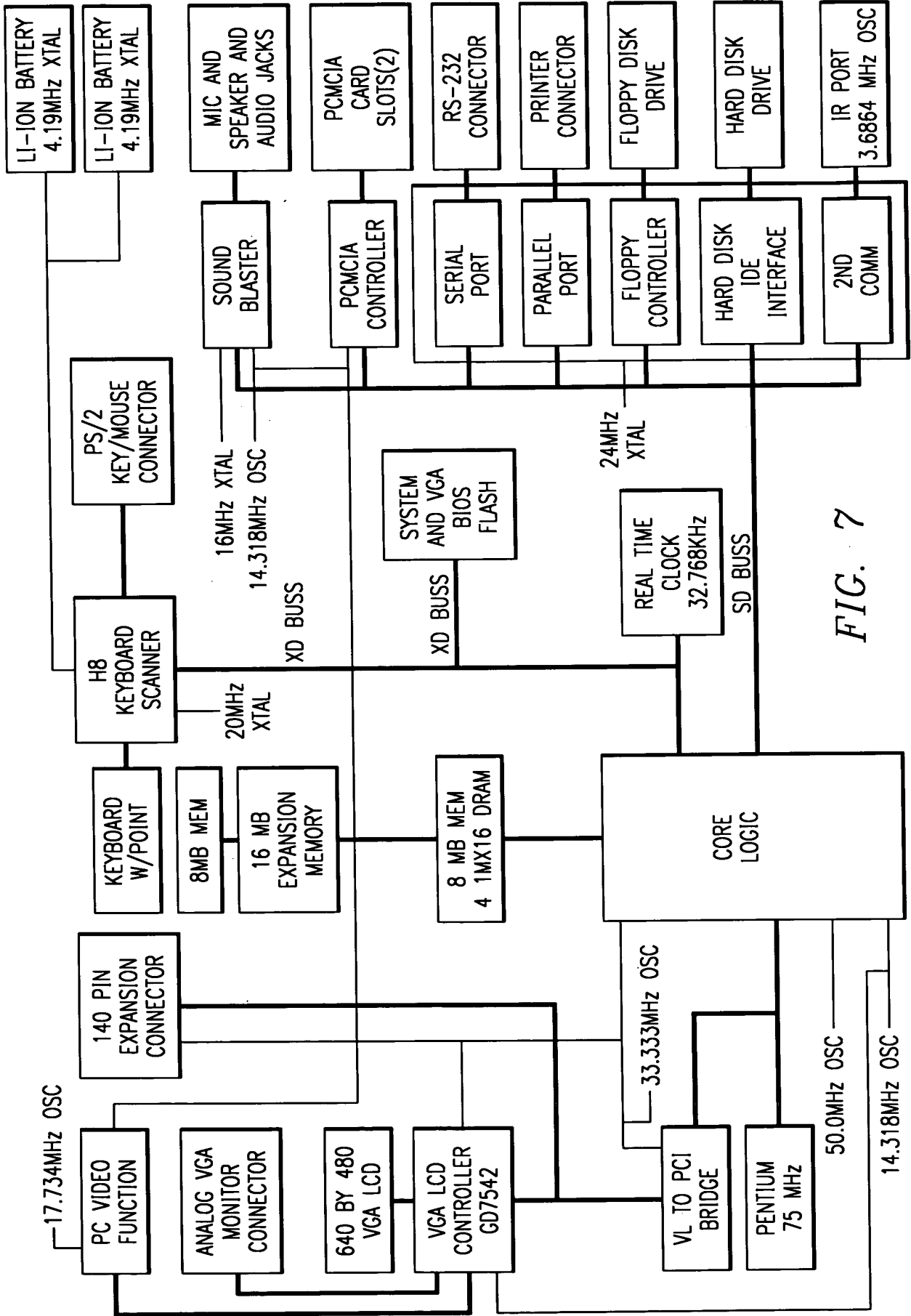


FIG. 7

APPROVED	O.G. FIG
BY	CLASS
DRAFTSMAN	SUBCLASS

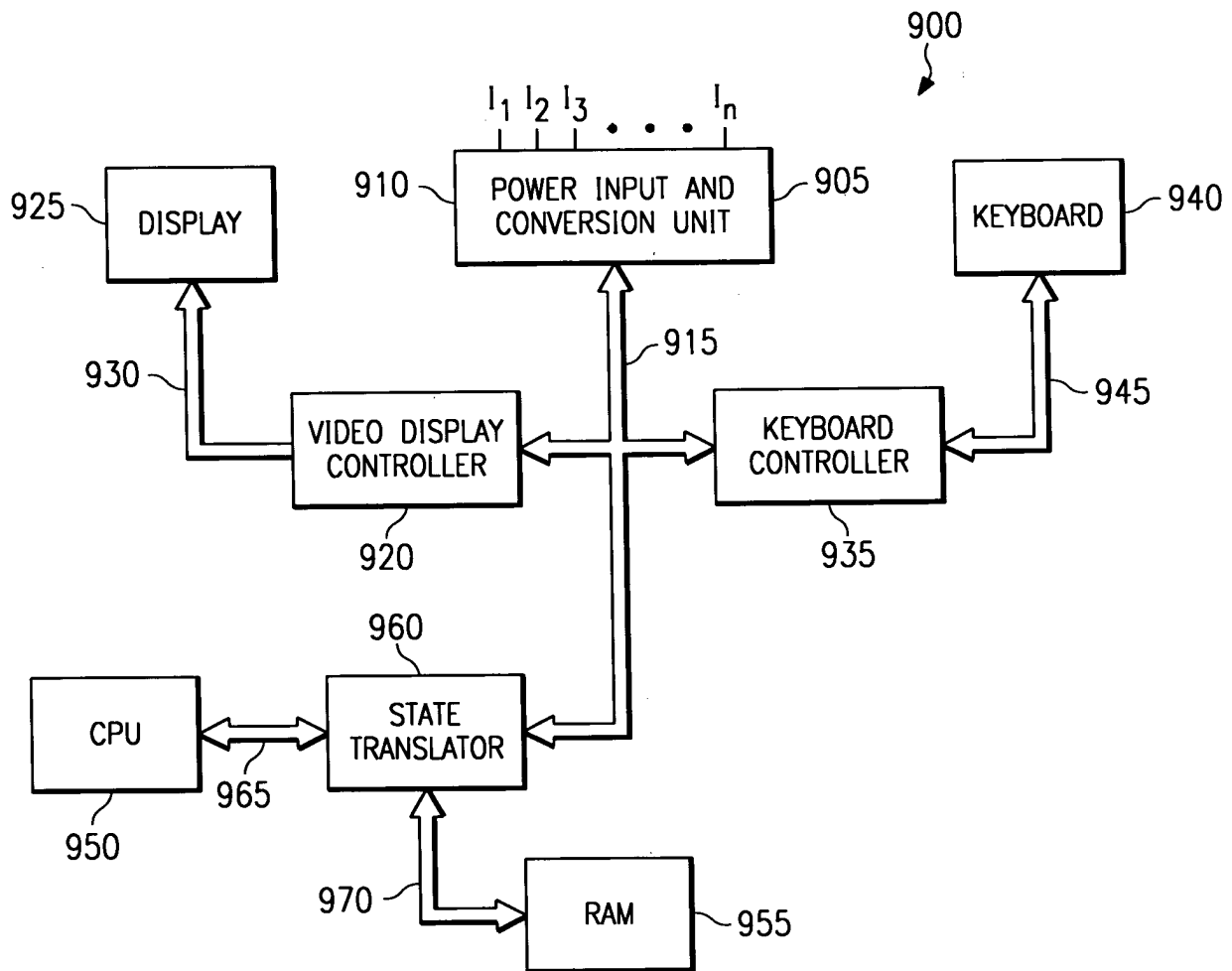


FIG. 8